

Converting Colors

XYZ(18.7820, 19.5972, 22.5540)

Have a look what the booklet for
XYZ(18.7820, 19.5972, 22.5540)
contains.

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Color

**XYZ(18.7515, 19.5630,
22.5264)**

Conversions

Conversions Part 1

Format	Color
Hex	7A7A7E
RGB	122, 122, 126
RGB Percent	48%, 48%, 49%
CMY	0.5216, 0.5216, 0.5059
CMYK	0.03, 0.03, 0.00, 0.51
HSL	240°, 2%, 49%
HSV	240°, 3%, 49%
XYZ	18.7515, 19.5630, 22.5264
YIQ	122.4560, -1.2840, 1.2440

Conversions

Conversions Part 2

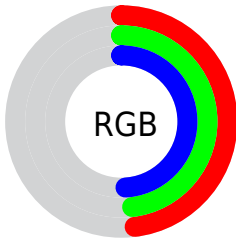
Format	Color
R_{YB}	122, 122, 126
Decimal	8026750
CIE Lab	51.34, 0.82, -2.19
CIE LCh	51, 2.333, 290.498
Yxy	19.5630, 0.3082, 0.3215
Android (android.graphics.Color)	4286216830 (0xFF7A7A7E)
YUV	122.4560, 1.7472, -0.3999
Hunter-Lab	44.2301, -1.7269, 0.7646

Details

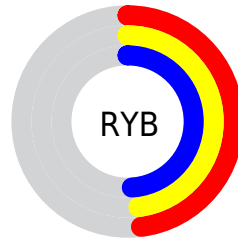
The XYZ color **18.7515, 19.5630, 22.5264** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.5780, 20.7624, 21.3884**, and the grayscale version is **18.6431, 19.6140, 21.3596**.

A 20% lighter version of the original color is **40.7283, 42.5254, 48.7094**, and **6.4698, 6.7174, 7.9768** is the 20% darker color. If you saturate the color by 10%, you get **15.6344, 15.8077, 21.9661**, and if you desaturate by 10%, it is **22.3015, 23.8401, 23.1652**.

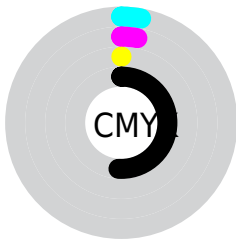
Distribution



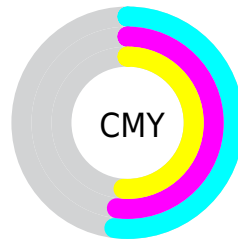
- Red (48%)
- Green (48%)
- Blue (49%)



- Red (48%)
- Yellow (48%)
- Blue (49%)



- Cyan (3%)
- Magenta (3%)
- Yellow (0%)
- Black (51%)



- Cyan (52%)
- Magenta (52%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.7515, 19.5630, 22.5264 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 18.7515, 19.5630, 22.5264 by changing the saturation by 10% instead.

■ 18.7515, 19.5630,
22.5264

■ 18.7515, 19.5630,
22.5264

238.0380,
249.5395, 278.3257

■ 11.5938, 12.0778,
14.0422

■ 40.8339, 42.6833,
48.5278

■ 6.5379, 6.7967,
8.0109

■ 56.4893, 59.0872,
66.8821

■ 3.2186, 3.3353,
4.0141

■ 75.7080, 79.2327,
89.3634

■ 1.2704, 1.3092,
1.6331

98.8553, 103.5043,
116.3904

■ 0.1609, 0.1483,
0.3143

126.2966,
132.2864, 148.3816

■ 0.0000, 0.0000,
0.0000

158.3972,

165.9634, 185.7555

195.5226,
204.9196, 228.9307

■ 18.7515, 19.5630,
22.5264

■ 18.7515, 19.5630,
22.5264

■ 15.6344, 15.8077,
21.9661

■ 22.3015, 23.8401,
23.1652

■ 12.9320, 12.5518,
21.4801

■ 26.2984, 28.6554,
23.8839

■ 10.6275, 9.7752,
21.0656

■ 30.7574, 34.0273,
24.6858

■ 8.7019, 7.4551,
20.7193

■ 35.6928, 39.9731,
25.5733

■ 7.1351, 5.5672,
20.4375

■ 41.1180, 46.5089,
26.5489

■ 5.9049, 4.0847,
20.2162

■ 47.0460, 53.6505,
27.6150

■ 4.9866, 2.9780,
20.0510

■ 53.4894, 61.4128,
28.7736

■ 4.3522, 2.2134,
19.9368

■ 60.4601, 69.8104,
30.0271

■ 3.9675, 1.7497,
19.8676

■ 67.9699, 78.8573,
31.3776

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



18.5201, 19.5630, 22.5926



18.7515, 19.5630, 22.5264



18.9422, 19.5630, 22.1281

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



18.7515, 19.5630, 22.5264



18.8807, 19.5630, 20.3252



18.1553, 19.5630, 21.0895

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



18.7515, 19.5630, 22.5264



19.5780, 20.7624, 21.3884

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



18.2502, 19.5630, 20.4943



18.7515, 19.5630, 22.5264



18.6682, 19.5630, 20.0592

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



18.7515, 19.5630, 22.5264



19.0172, 19.5630, 20.8543



18.4375, 19.5630, 20.1204



18.1772, 19.5630, 21.7536

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



18.7515, 19.5630, 22.5264



19.0199, 19.5630, 21.7324



18.4375, 19.5630, 20.1204



18.1746, 19.5630, 20.8750

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



18.7521, 19.5638, 22.5268



34.2860, 35.9767, 39.8815



19.2488, 20.5643, 22.6712



7.8091, 8.1958, 9.0734



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



18.7521, 19.5638, 22.5268



32.4715, 33.7907, 39.5552



19.0283, 19.7060, 22.5397



4.4615, 4.6367, 5.4731



3.8640, 1.5466, 20.3448



0.0000, 0.0000, 0.0000

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



19.0770, 19.7603, 21.2220



33.2049, 34.2340, 36.6106



19.2959, 20.6172, 21.3753



4.5742, 4.7048, 5.0206



8.8274, 4.5506, 0.4147



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 18.7515, 19.5630, 22.5264 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 18.7515, 19.5630, 22.5264 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

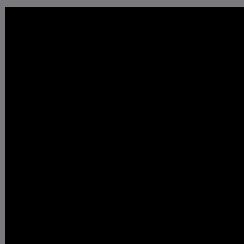
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

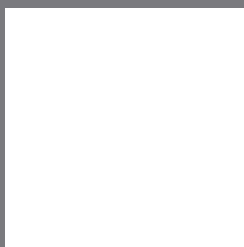
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.7515, 19.5630, 22.5264

Background



This preview shows how black text looks on a background with the XYZ color 18.7515, 19.5630, 22.5264.



This preview shows how white text looks on a background with the XYZ color 18.7515, 19.5630,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

18.7515, 19.5630, 22.5264

Protanopia

18.8938, 19.6364, 22.5331

Deuteranopia

19.9433, 19.6315, 22.8168



Tritanopia

19.1025, 19.5244, 24.2345

Trichromacy

**Original Color**

18.7515, 19.5630, 22.5264

Protanomaly

18.8938, 19.6364, 22.5331

Deuteranomaly

19.4493, 19.5544, 22.8280

Tritanomaly

18.9682, 19.4707, 23.5274

Monochromacy

**Original Color**

18.7515, 19.5630, 22.5264

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

18.5607, 19.4867, 21.5219

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.7515, 19.5630, 22.5264 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(122, 122, 126)` looks like.

```
.text, #text, p{  
    color:rgb(122, 122, 126)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(122, 122, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 122, 126) }
```

Border

The CSS property to change the border of an element to XYZ 18.7515, 19.5630, 22.5264 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(122, 122, 126) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(122, 122, 126) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(122, 122, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 122, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 122, 126);  
box-shadow:4px 4px 4px 4px rgb(122, 122,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 18.7515, 19.5630, 22.5264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 122, 126) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(122,  
122, 126) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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